Welcome

Invitees:

U.S. Geological Survey: *Jerad Bales*
North Carolina Division of Water Resources: *John Morris, John Sutherland, Tom Fransen*
North Carolina Division of Water Quality: *Jimmie Overton, Dianne Reid*
Virginia Department of Environmental Quality: *Rogers Stewart, Roger Everton, Jennifer Howell*
Elizabeth City State University: *Kathleen Fischer, Elizabeth Noble, Kyle Hall, Barry Cullens*
Back Bay National Wildlife Refuge*: John Gallegos, Dorie Stolley, Jared Brandwien*
National Estuarine Research Reserve Program: *Michele Droszcz*
Hampton Roads Planning District Commission: *Eric Walberg*
U.S. Army Corps of Engineers: *Bill Birkemeier, Barry Bunch, Raymond Chapman, Hasan Pourtaheri*
Pasquotan River Basin Regional Council: *Yates Barber*
Albemarle-Pamlico National Estuary Program: *Joan Giordano*

Objectives: Finalize plan and cost for data-collection in support of hydrodynamic and water-quality modeling for Currituck Sound. The plan will include details, and specifics of location, instrument type, frequency, methods, responsibilities, and priority for each

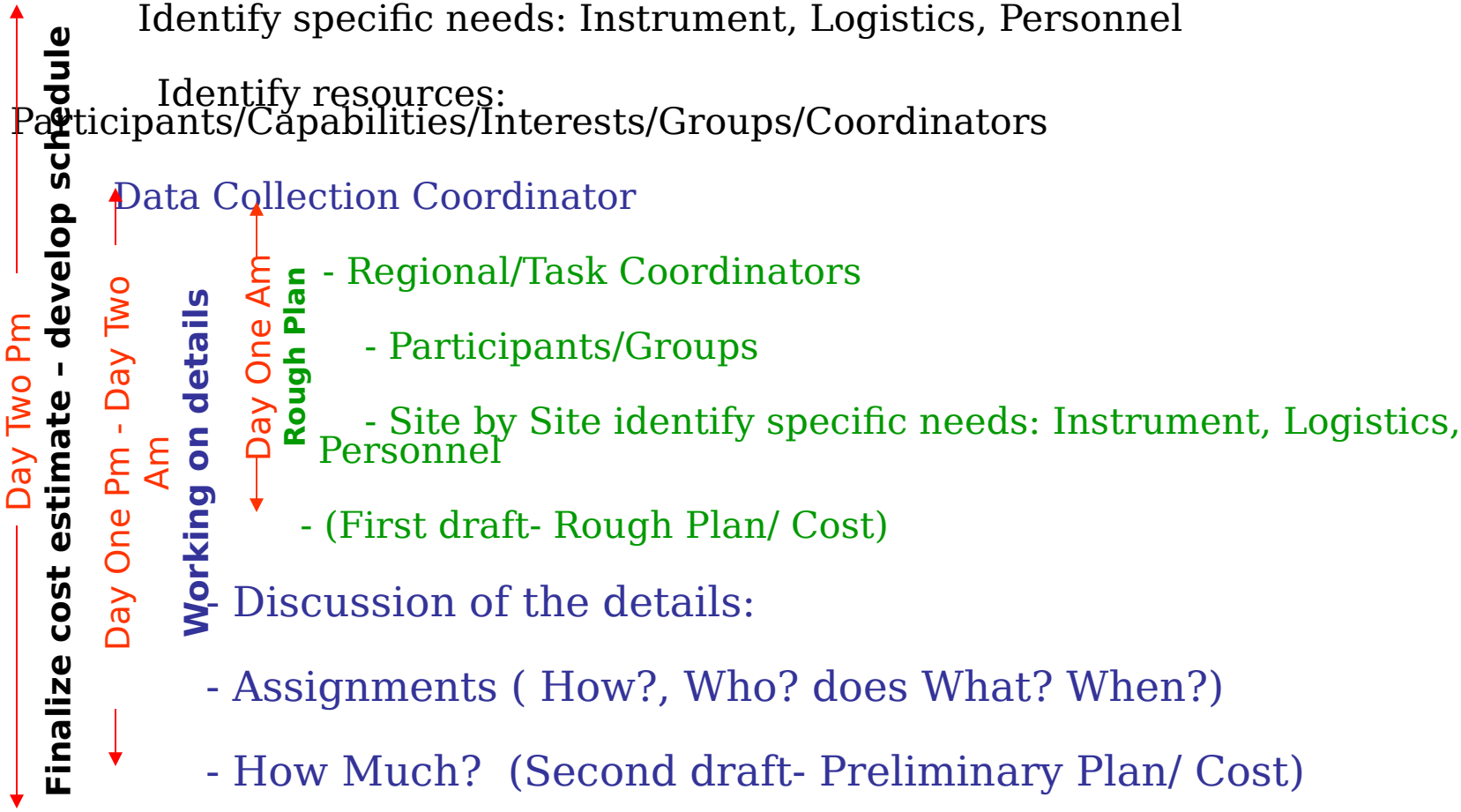
Goals:

Develop cost and schedule

Identify specific needs: Instrument, Logistics, Personnel

Identify resources:

Participants/Capabilities/Interests/Groups/Coordinators



Data Collection Coordinator

- Regional/Task Coordinators

- Participants/Groups

- Site by Site identify specific needs: Instrument, Logistics, Personnel

- (First draft- Rough Plan/ Cost)

- Discussion of the details:

- Assignments (How?, Who? does What? When?)

- How Much? (Second draft- Preliminary Plan/ Cost)

Cost - Schedule - Plan of action – Assignments

Questions that need to be answered:

Needs- Resources- Coordinators
USGS, CHL, ECSU, NCDWQ …

Needs

1 - Instruments
Installation
Routine Services/Maintenance

2 - Sample Analysis

3 – Operations (Should be divided into regions? TBD)

3.1 – Watersheds
(Should be div. regions? TBD)
Logistic-Vehicles/Personnel/Support
Monitoring/Sampling

3.1.1 -……..

3.2 – Open Water
(Should be div. regions? TBD)
Logistics-Boats/Personnel/Support
Monitoring//Sampling
3.2.1 -…..

Resources

1 – USGS/CHL/ ECSU/…
Jerad Bales/William Birkemeier../Kathleen Fischer../..

2 - USGS/NCDWQ/…
Jerad Bales/Dianne Reid/ …

3.1 - USGS/NCDWQ/HRPDC/USFW
Jerad Bales/Dianne Reid…/Eric Walberg/John Gallegos…

3.1.1.-…

3.2 - CHL/ECSU/NERRP
William Birkemeier/Kathleen Fischer/MicheleDroszcz/..

3.2.1-…

4 - Quality Assurance: Measurement Methodology/ Data Screening/Validity	4 - USGS/ECSU/ NCDWQ/ VADEQ Jerad Bales/Kathleen Fischer/Dianne Reid/*Roger…*
5 - Data Management Establish/Restore Hydrologic/WQ Database readily available for Testing Hypotheses	5 - USGS/NCDWR/NCDWQ/VADEQ/ECSU Jerad Bales/Tom Fransen/Dianne Reid../ Rogers../Kathleen Fischer../..
6 - Bathymetry/Topography	6 - USACE/ECSU Hasan Pourtaheri/Liz Noble…
7 - Long term monitoring in support of Adaptive Management/Project Monitoring Sites/Personnel/support/Instrument/maintenance	7 - NCDWQ Dianne Reid/….
8 - Hypotheses Formulating Hypotheses Testing Hypotheses Via Prototype Data/Model Results	8 - USACE/NCDQW/NCDWQ/ECSU/Universities/..

Example One - Day One
First Draft-Overall (Instrument, Lab, Manpower) Cost

Site: 1

Location: Lat/Long (Back Bay near moth of Hell Creek Point, VA)

Measurements -

Flow: Monthly to semi monthly, made concurrently with WQ samples

Water Quality Samples: Water quality samples collected monthly during October - March, and semi-monthly during April - September. Samples analyzed for total suspended sediment with sand - silt split, chlorophyll a, total phosphorus, dissolved orthophosphorus, dissolved nitrate plus

Coordinators: Organization/Name/Phone/e-mail
Groups: Organization/Name/Phone/e-mail
Instrument:
Installation:
Maintenance:
Operating/Sampling: Man days
Lab:
Cost Estimate(First Draft):

Example One - Day Two
- Day- Second Draft-Detail (Logistics, How?, Who?, When? ….)

Site: 1

Location: Lat/Long (Back Bay near moth of Hell Creek Point, VA)

Measurements -

Flow: Monthly to semi monthly, made concurrently with WQ samples

Water Quality Samples: Water quality samples collected monthly during October - March, and semi-monthly during April - September. Samples analyzed for total suspended sediment with sand - silt split, chlorophyll a, total phosphorus, dissolved orthophosphorus, dissolved nitrate plus

Personnel: Organization/Name/Phone/e-mail

Coordinators: Organization/Name/Phone/e-mail

Groups:

Operational procedures: How? , Who? , What?, When?, How much?

Logistics: Base, Boats, Vehicles…

Cost Estimate(Second Draft):